



Zr1

MSDS

ZR1MSDS001 rev0

1. PRODUCT INFORMATION

Product Name ECOSAFE® ULTRA ZR1 Odor Neutralizer

Business Number:

1-877-263-7374 | 972-996-0633 Fax (214) 343-3300

Medical Emergency Number: Poison Control:

1-800-222-1222

E-mail (Product Inquiries):

info@ecofreshusa.com

Website:

http://www.ecofreshusa.com

2. Hazards Identification

EMERGENCY OVERVIEW

Water based non-flammable pump spray. No significant health or environmental effects associated with the use of this product. May cause minor irritation or stinging if sprayed into the eyes.

<u>Storage classification:</u>	Level	0
<u>HMIS Rating:</u>	Health	1
	Fire	0
	Reactivity	0

Potential Health Effects

Eye: Contains oils and fragrances that may cause transient irritation.

Skin Contact: Not a skin irritant.

Ingestion: Not a primary route of exposure due to containment of product. Concentrate is non-toxic.

Inhalation: Non-toxic via the inhalation route, but may aggravate existing allergic or asthmatic condition.

Sub chronic effects / Carcinogenicity: None known.

3. COMPOSITION AND INGREDIENTS INFORMATION

Chemical Identity /Common Names	% By Weight	CAS#	OSHA PEL	ACGIH TL	NTIS CL
Deionized Water	> 95	7732-18-5	NE	NE	NE
Alkyl Polyglycoside	< 5%	110615-47-9	NE	NE	NE
Essential Oils / Fragrance Compounds	< 5%	Proprietary	NE	NE	NE

4. FIRST AID PROCEDURES

Eye: Remove contacts if applicable; flush eyes with clean water, low pressure.

Skin Contact: Rinse overexposed areas thoroughly with water.

Inhalation: If adverse reaction occurs, remove individual to fresh air, treat symptomatically.

Note To Physician: Contains fragrance that may affect certain sensitive individuals or people with allergies. Treatment based on judgment of physician in reaction to patient.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASHPOINT: Non-flammable

METHOD USED: 16 CFR 1500.45 (Flame Extension)

EXTINGUISHING MEDIA: Non-flammable. Use extinguishing media appropriate for surrounding fire.

FIRE-FIGHTING INSTRUCTIONS: Wear full protective equipment including face shields, self-contained breathing apparatus (SCBA) and bunker gear. Keep personnel removed and upwind of fire. Cool containers with water spray.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None. Approximately 99% of contents is water based.

FLAMMABLE LIMITS

LFL: Not Flammable

UFL: Not Flammable

6. ACCIDENTAL RELEASE MEASURES

Not a likely occurrence. If bottles are crushed or punctured and leak contents, use absorbent to soak up and



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dispose in suitable waste container. May also flush to sewer or other waste water system.

7. HANDLING AND STORAGE

Do not puncture or incinerate bottles. Do not store bottles above 120°F. Avoid freezing temperatures. Do not store near products that may emit chlorine vapors, such as cleaners or bleach.
STORAGE CLASSIFICATION: Level I

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION: Not required under normal use conditions.
PROTECTIVE GLOVES: Not required.
EYE PROTECTION: Not required.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Not required.
PROTECTIVE WORK/HYGIENIC PRACTICES: No special requirements under normal use and handling conditions.

9. Physical and Chemical Properties

FLASHPOINT: None
APPEARANCE / COLOR: clear to milky white liquid
ODOR: Described on label; various scents
PHYSICAL STATE: Liquid
PH OF SOLUTION: 7.0 Range
VAPOR PRESSURE: 60 ± 5 psig @ 70°F
BOILING POINT: 100°C.
VAPOR PRESSURE: Not volatile
VAPOR DENSITY: Not volatile
WATER SOLUBILITY: Soluble
MELTING/FREEZINGPOINT: -10 degree C
VISCOSITY: Less than 100-cps spindle 3
SPECIFIC GRAVITY (H2O = 1): 1

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable.
CONDITIONS TO AVOID: Temperatures above 120°F. Open flame.
INCOMPATIBILITY WITH OTHER MATERIALS: Acids.
HAZARDOUS DECOMPOSITION PRODUCTS: None known.
HAZARDOUS POLYMERIZATION: Will not occur

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Not an eye irritant per 16 CFR 1500.42
SKIN EFFECTS: Not a skin irritant per 16 CFR 1500.41; PDII typically 0.0-1.0 for 24 hour occluded tests.
ACUTE ORAL EFFECTS: Not a primary route of exposure
ACUTE INHALATION EFFECTS: Non-toxic according to 16 CFR 1500.3. LC50 > 200 mg/P

12. ECOLOGICAL INFORMATION

TOXICITY: No data available
PERSISTENCE: No data available
BIOACCUMULATION: No data available

13. DISPOSAL CONSIDERATIONS

Empty bottles completely (through use) and dispose in general trash or recycle. Consult appropriate



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local, state or federal agency for disposal of large quantities of unemptied bottles.

14. TRANSPORTATION INFORMATION

THIS PRODUCT IS NOT HAZARDOUS AS DEFINED BY 49 CFR 172.101 BY THE U.S. DEPARTMENT OF TRANSPORTATION.

D.O.T. SHIPPING NAME: NOT APPLICABLE

D.O.T. HAZARD CLASS: NOT APPLICABLE

U.N./N.A. NUMBER: None

15. REGULATORY INFORMATION

The ingredients in this product are listed in the EPA TSCA Inventory List.

The ingredients in this product are not listed as carcinogens by NTP, IARC, OSHA or ACGIH.

16. OTHER INFORMATION

This Material Safety Data Sheet is offered solely for your information, consideration and investigation. EcoFresh® Industries Inc. provides no warranties; either express or implied, and assumes no responsibility for the accuracy or completeness of data contained herein. EcoFresh® Industries Inc. urges persons receiving this information to make their own determination as to the information suitability for their particular application.